

# PATENT ABSTRACTS OF JAPAN

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## (54) BASE STATION TRANSMISSION AND RECEPTION EQUIPMENT

(57)Abstract:

**PURPOSE:** To make no increase in the load of handing-over between sectors on a control center even when the number of sectors is increased and to make no increase in the number of process parts by channels even when the number of sectors is increased.

**CONSTITUTION:** Base band signal process parts 1-1 to 1-N each have a sent signal selecting circuit which outputs a sent signal from the sent signal process part to only a sector antenna 107 indicated with a select signal, a received signal selecting circuit which selects the received signal of a sector indicated with a select signal, a received signal process part which detects received data corresponding to its communication channel with the received signal from the selecting circuit, and a control part which supplies the select signals to the sent signal selecting circuit and received signal selecting circuit, and batch modulation and demodulation parts 2-1 to 2-M each have a transmitting process means which converts the sent signal into a sent radio signal and supplies it to the sector antenna and a frequency converting means which performs the batch frequency conversion of received radio signals of band width corresponding to N speaking channels into a base band signal.



